OBDII Interface Communication Problems

If you are having problems communicating with the WinFlash OBDII program communicating with your OBDII Interface, please check the following:

1. Unplug the OBDII Interface from your PC and reboot your PC.

2. Once Windows is back up and running plug your OBDII Interface into a USB port on your PC. Then connect the OBDII interface cable into the ALDL connector in the vehicle. Verify that the small right light next to the USB connector on the OBDII Interface box is flashing If you get the Windows 'Found new hardware' message and Windows asks to search for a compatible driver then the drivers did not install correctly and you should repeat the driver installation process.

3. Once the USB drivers are installed, right-click on the Windows 'Start' button and then select 'Device Manager' from the pop-up menu.



4. Click on the arrow to the left of 'Mice and other pointing devices' to expand this section and verify there is no 'Microsoft Serial Ball Point' item listed. If there is right click on this item and select 'Disable' from the pop-up menu.

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> 4	Audio inputs and outputs
> 🚯	Bluetooth
> 💻	Computer
> 🕳	Disk drives
> 🔤	Display adapters
> 🚇	DVD/CD-ROM drives
> 🛺	Human Interface Devices
> 📷	IDE ATA/ATAPI controllers
>	Keyboards
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5. Click on the arrow to the left of 'Ports (COM and LPT) to expand this section and verify that there is at least one USB Serial Port listed there. Unplug the OBDII Interface from the PC and the COM port assigned to the OBDII Interface should go away and then reappear when you plug the interface back in.

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~	Ports (COM & LPT)
	Communications Port (COM1)
	ECP Printer Port (LPT1)
	Standard Serial over Bluetooth link (COM11)
	Standard Serial over Bluetooth link (COM7)
	USB Serial Port (COM24)
	USB Serial Port (COM9)
>	📇 Print queues
>	Processors

If there is no USB Serial Port assigned to the interface listed here then expand the 'Universal Serial Bus controllers' section of the Device Manager and right-click on the 'USB Serial Converter'. Select 'Properties' from the pop-up menu.



On the Properties screen, click on the 'Advanced' tab at the top of the screen.

-	Advanced Pow USB Serial Conv	er Management erter A	Driver	Details	Events
	Device type: Manufacturer: Location:	Universal Ser FTDI 0000.001d.00	ial Bus co	ontrollers	00.000.00
Devid This	ce status device is working p	properly.			~
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On the Advanced screen check the box indicated as 'Load VCP'. Then hit 'OK'.

Advanced Power Management Driver Details Events USB Serial Converter A Configuration Use these settings to override normal device behaviour. Load VCP Enable Selective Suspend 5 Selective Suspend Idle Timeout (secs)		Advanced			D	e
USB Serial Converter A Configuration Use these settings to override normal device behaviour. Load VCP Load VCP Selective Suspend Selective Suspend Idle Timeout (secs)	eneral	Advanced	Power Management	Driver	Details	Events
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Unplug the OBDII Interface from the PC, and plug it back in. Expand the Ports (COM & LPT) section of the Device Manager and you should now see a USB Serial Port listed.

7. Note the COM port number assigned to this USB Serial Port. It should be a COM port number between 1 and 16. If a COM port number greater than 16 was assigned to the cable you'll need to change the COM port number manually. To do so right click on the USB Serial Port on the Device Manager screen and select 'Properties'.



Click on the 'Port Settings' tab.

USB Seria	Port (COM24) Prope	erties					X
General	Port Settings	Driver	Details	Eve	nts			
	USB Serial Po	ort (COM	24)					
	Device type: Manufacturer:	P F	orts (COM TDI	& LP	T)			
	Location:	or	n USB Sei	rial Co	nverter	В		
- Devic	e status device is workir	ig prope	rty.				^	
							~	
						OK	Cancel	

On the Port Setting screen click on the 'Advanced' button.

General	Port Settings	Driver	Details	Events	
		Bits p	er second	9600	~
			Data bits	: 8	~
			Parity	None	~
			Stop bits	1	~
		Flo	ow control	None	~
	-		A	dvanced	Restore Defaults

On the Advanced Settings screen click on the down arrow to the right of the 'COM Port Number' box and select a new COM port number of 16 or less. (Note: the COM port number you select should not be currently in use by another device.)

Ivanced Settings for COM24	l.		? ×
COM Port Number:	COM24	~	ОК
USB Transfer Sizes Select lower settings to corre	COM1 (in use) COM2 COM3 (in use)	^ d rates.	Cancel
Select higher settings for fas	COM4 (in use) COM5 (in use) COM6 (in use)		Defaults
Receive (Bytes):	COM8 (in use) COM9 (in use)		
Transmit (Bytes):	COM10 (in use) COM11 (in use)		
BM Options	COM12 (in use) COM14 (in use)	Miscellaneous Option:	S
Select lower settings to corre	COM15 (in use) COM16 COM17 (in use)	Serial Enumerator Serial Printer	
Latency Timer (msec):	COM18 (in use) COM19 (in use)	Cancel If Power Off	
Timeouts	COM20 (in use) COM21 COM22 (in use)	Set RTS On Close	
Minimum Read Timeout (mse	COM23 COM24	Disable Modem Ctrl A Enable Selective Sus	At Startup pend
Minimum Write Timeout (mse	COM25 COM26 COM27 COM28	Selective Suspend Id	lle Timeout (secs): 5 V
	COM29		

Click on the 'OK' button to close the Advanced Settings screen and then click on the 'OK' button on the USB Serial Port Properties screen.

8. Exit the Device Manager.

9. Run the WinFlash OBDII program, click on the 'Setup' menu and select 'Comm Port' from the drop-down list.



10. On the Comm Port Selection screen click on down arrow to the right of the 'COM Port Number' box and select the COM port number that was assigned to the ALDL cable (it should be shown as 'Available') and then click on the 'OK' button.

Com Port Selection		
	Port Status	
Com Port Number	Com 9 - Available	
Data Block Size	Com 4 - Invalid Port Com 5 - Invalid Port Com 6 - Invalid Port Com 7 - Invalid Port Com 8 - Invalid Port	
Min	Com 10 - Invalid Port Com 11 - Available	v Max
OK	Cancel	